

Europe Induction Motor - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-04-28 | 100 pages | Mordor Intelligence

AVAILABLE LICENSES:

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

Report description:

The Europe Induction Motor Market is expected to register a CAGR of 3.7% during the forecast period.

Key Highlights

- According to the European Commission analysis, it has been estimated that the induction motor efficiency requirements (defined by the new Regulation) would lead to a limitation of annual electric energy consumption by approximately 10TWh and a decrease of yearly greenhouse gases emission by 3 Mt equivalent of carbon dioxide to the year 2030. The AC induction motor is the dominant motor technology today, representing more than 90% of installed motor capacity. They are available in single-phase and polyphase (three-phase) configurations, in sizes ranging from less than one to more than ten thousand horsepower (hp).
- Electric vehicles (EVs) are expected to boost the market's growth over the forecast period. The intensifying focus aimed at reducing greenhouse gas emissions and the demand for products that consume less energy are the major factors for market growth. For instance, the projected electric vehicle sales in Europe by 2025 are expected to reach 6.33 million units, followed by China with 4.84 million units, according to UBS. Machines driven by electrical motors consume around 2/3 of all the electrical energy used in industry, which also greatly impacts the environment.
- For example, approximately 50% of electric energy produced in Poland is consumed by driving systems with induction motors. In Europe, the division of induction motors from the efficiency perspective is performed employing IE classification (International Efficiency). The European Commission Regulation introduces several changes and challenges for induction motor manufacturers and the users. The increasing manufacturing activities, mainly in European Countries like Germany, contribute to the growth of the induction motors market in the region.
- The COVID-19 outbreak in European countries has affected the automobile industry in the region. Industrial manufacturing companies are grappling with the immediate effect of the pandemic, as both the supply chain operations and manufacturing units were disrupted, and the customers' operations faced similar threats. This exponentially affected the whole supply and distribution

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

network, hitting industrial equipment companies with a lag. This will act as a significant challenge for the European market for a considerable period.

Europe Induction Motor Market Trends

Energy-Efficient Motors Drive the Market Growth

- Due to rapid industrialization, induction motors are massproduced by many manufacturers in European countries and sold in standard catalog types and sizes. The efficiency of an induction motor is an essential factor to consider while using it. In countries like Germany and the United Kingdom, several companies and suppliers, as well as various manufacturers and distributors, have introduced the efficiency of induction motors.
- The European region has set standards for energy-efficient induction motors. These standards include IE1 (standard efficiency), IE2 (high efficiency), IE3 (premium efficiency), and IE4 (super premium efficiency). These IEC codes allow the government of Europe to specify efficiency levels for MEPS, the Minimum Energy Performance Standards that electric motors have to meet for proper use.
- Energy-efficient motors can better withstand voltage variations compared to standard motors. As energy-efficient motors come with a high initial cost, the benefits in terms of energy savings and greater output, as well as a lower maintenance cost of these motors, turned out to be driving factors for the market growth.
- According to process engineering, the European Commission has already indicated that European regulations regarding energy-efficient induction motors will be of great use. The estimated eight billion electric motors (Induction Motors) in use currently across Europe consume approximately 50% of the electric power generated in the European region. Thus induction motors, therefore, play a decisive role when it comes to reducing energy consumption.

Oil & Gas Industry to Witness Significant Growth

- According to European Commission, in some parts of Europe, namely in the Black Sea and the Mediterranean, there is unexploited oil and gas potential, with some exploration potential in Cyprus, Greece, Malta, Bulgaria, Romania, and Portugal. There is an increasing demand for induction motors in these countries due to the technological innovation and improvements in efficiency and cost-reduction of the motors.
- Most of the electricity needed for the oil and gas industry in countries like Germany and the United Kingdom is necessary for induction motors. By implementing higher-efficient solutions of induction motors, the total annual electricity consumption of the Netherlands could be saved in the European region.
- The European region is the first country to make the IE4 level mandatory for some categories of induction motors. For instance, Motors between 75kW and 200kW must meet the IE4 level as of July 2023, and by July 2021, the three-phase motors with a rated output between 0.75kW and equal to or below 1000kW must reach the IE3 level.
- In many European countries like Germany, France, and the United Kingdom, induction motors dominate and account for the largest total electricity consumption in the oil and gas sector. For instance, in Europe, induction motors are estimated to account for about 70% of all industrial electricity consumption in the oil and gas industry.

Europe Induction Motor Industry Overview

The Europe Induction Motor Market is competitive and consists of several partakers like WEG, ABB, Elprom Harmanli, Johnson

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Electric Holdings Limited, Brook Crompton, Nidec Industrial Solutions, Menzel Elektromotoren, Regal Rexnord Corporation , AC-Motoren GmbH, CG Power & Industrial Solutions Ltd and many more. The companies are increasing their market share by forming multiple partnerships, investing in projects, and launching new products in the market.

- November 2021 - As electric motors are widely used in Electric Vehicles, the company Weg expands its business partnership with Stellantis Group, a global player in automobile manufacturing and mobility player, with the launch of new electric utility vehicles: e-EXPERT by Peugeot and E-JUMPY by Citroen to serve fleet owners. Designed for semi-fast recharges in parking lots, companies, and fleet owners, Weg Electric Mobility (WEMOB) PARKING, up to 22 kW, offers high safety level, reliability, and connectivity with real-time and remote information for electric vehicle fleets management.
- February 2021 - Regal Rexnord Corporation, combined with Rexnord's PMC Segment, is creating a world-class power transmission provider. Regal Rexnord Corporation is one of the prominent player in the engineering and manufacturing of electric motors and controls, power generation, and power transmission products, serving customers worldwide. This combines complementary best-in-class power transmission portfolios and re-balances the Regal portfolio between Power Transmission (47% of pro forma sales), Motors (38%), and Niche/Specialty Products (15%).

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

1 INTRODUCTION

- 1.1 Study Assumptions and Market Definition
- 1.2 Scope of the Study

2 RESEARCH METHODOLOGY

3 EXECUTIVE SUMMARY

4 MARKET INSIGHTS

- 4.1 Market Overview
- 4.2 Industry Attractiveness - Porter's Five Forces Analysis
 - 4.2.1 Bargaining Power of Suppliers
 - 4.2.2 Bargaining Power of Consumers
 - 4.2.3 Threat of New Entrants
 - 4.2.4 Threat of Substitutes
 - 4.2.5 Intensity of Competitive Rivalry
- 4.3 Impact of COVID-19 on the Induction Motor Market

5 MARKET DYNAMICS

- 5.1 Market Drivers
 - 5.1.1 Elevated Requirement of Power Savings in Residential and Industrial Sectors
 - 5.1.2 Increasing Application in Electric Vehicles
- 5.2 Market Challenges

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

5.2.1 Research&Development of Alternative Technology

6 MARKET SEGMENTATION

6.1 By Type

6.1.1 Single-phase Induction Motor

6.1.2 Three-phase Induction Motor

6.2 By End-user Industry

6.2.1 Oil & Gas

6.2.2 Chemical & Petrochemical

6.2.3 Power Generation

6.2.4 Water & Wastewater

6.2.5 Metal & Mining

6.2.6 Food & Beverage

6.2.7 Discrete Industries

6.2.8 Other End-user Industries

6.3 By Country

6.3.1 Europe

6.3.1.1 Germany

6.3.1.2 France

6.3.1.3 United Kingdom

6.3.1.4 Italy

6.3.1.5 Rest of Europe

7 VENDOR MARKET SHARE ANALYSIS

8 COMPETITIVE LANDSCAPE

8.1 Company Profiles

8.1.1 ABB

8.1.2 WEG

8.1.3 Regal Rexnord Corporation

8.1.4 AC-MOTOREN GmbH

8.1.5 CG Power & Industrial Solutions Ltd

8.1.6 ELPROM HARMANLI

8.1.7 Johnson Electric Holdings Limited

8.1.8 Brook Crompton

8.1.9 Nidec Motor Corporation

8.1.10 Menzel Elektromotoren

9 INVESTMENT ANALYSIS

10 FUTURE OF THE MARKET

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

**Europe Induction Motor - Market Share Analysis, Industry Trends & Statistics,
Growth Forecasts (2025 - 2030)**

Market Report | 2025-04-28 | 100 pages | Mordor Intelligence

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scott's-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4750.00
	Team License (1-7 Users)	\$5250.00
	Site License	\$6500.00
	Corporate License	\$8750.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scott's-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-02-26"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com

